

Figure 1

MetArgIlePheAlaValPheIlePheMetThrTyrTrpHisLeuLeuAsnAlaPheThrVal
ThrValProLysAspLeuTyrValValGluTyrGlySerAsnMetThrIleGluCysLysPhe
ProValGluLysGlnLeuAspLeuAlaAlaLeuIleValTyrTrpGluMetGluAspLysAsn
IleIleGlnPheValHisGlyGluGluAspLeuLysValGlnHisSerSerTyrArgGlnArg
AlaArgLeuLeuLysAspGlnLeuSerLeuGlyAsnAlaAlaLeuGlnIleThrAspValLys
LeuGlnAspAlaGlyValTyrArgCysMetIleSerTyrGlyGlyAlaAspTyrLysArgIle
ThrValLysValAsnAlaProTyrAsnLysIleAsnGlnArgIleLeuValValAspProVal
ThrSerGluHisGluLeuThrCysGlnAlaGluGlyTyrProLysAlaGluValIleTrpThr
SerSerAspHisGlnValLeuSerGlyLysThrThrThrThrAsnSerLysArgGluGluLys
LeuPheAsnValThrSerThrLeuArgIleAsnThrThrThrAsnGluIlePheTyrCysThr
PheArgArgLeuAspProGluGluAsnHisThrAlaGluLeuValIleProGluLeuProLeu
AlaHisProProAsnGluArgThrHisLeuValIleLeuGlyAlaIleLeuLeuCysLeuGly
ValAlaLeuThrPheIlePheArgLeuArgLysGlyArgMetMetAspValLysLysCysGly
IleGlnAspThrAsnSerLysLysGlnSerAspThrHisLeuGluGluThr

(SEQ ID NO:3)

Figure 2

MetArgIlePheAlaGlyIleIlePheThrAlaCysCysHisLeuLeuArgAlaPheThrIle
ThrAlaProLysAspLeuTyrValValGluTyrGlySerAsnValThrMetGluCysArgPhe
ProValGluArgGluLeuAspLeuLeuAlaLeuValValTyrTrpGluLysGluAspGluGln
ValIleGlnPheValAlaGlyGluGluAspLeuLysProGlnHisSerAsnPheArgGlyArg
AlaSerLeuProLysAspGlnLeuLeuLysGlyAsnAlaAlaLeuGlnIleThrAspValLys
LeuGlnAspAlaGlyValTyrCysCysIleIleSerTyrGlyGlyAlaAspTyrLysArgIle
ThrLeuLysValAsnAlaProTyrArgLysIleAsnGlnArgIleSerValAspProAlaThr
SerGluHisGluLeuIleCysGlnAlaGluGlyTyrProGluAlaGluValIleTrpThrAsn
SerAspHisGlnProValSerGlyLysArgSerValThrThrSerArgThrGluGlyMetLeu
LeuAsnValThrSerSerLeuArgValAsnAlaThrAlaAsnAspValPheTyrCysThrPhe
TrpArgSerGlnProGlyGlnAsnHisThrAlaGluLeuIleIleProGluLeuProAlaThr
HisProProGlnAsnArgThrHisTrpValLeuLeuGlySerIleLeuLeuPheLeuIleVal
ValSerThrValLeuLeuPheLeuArgLysGlnValArgMetLeuAspValGluLysCysGly
ValGluAspThrSerSerLysAsnArgAsnAspThrGlnPheGluGluThr

(SEQ ID NO:4)

Figure 3

MetIlePheLeuLeuLeuMetLeuSerLeuGluLeuGlnLeuHisGlnIleAlaAla
LeuPheThrValThrValProLysGluLeuTyrIleIleGluHisGlySerAsnVal
ThrLeuGluCysAsnPheAspThrGlySerHisValAsnLeuGlyAlaIleThrAla
SerLeuGlnLysValGluAsnAspThrSerProHisArgGluArgAlaThrLeuLeu
GluGluGlnLeuProLeuGlyLysAlaSerPheHisIleProGlnValGlnValArg
AspGluGlyGlnTyrGlnCysIleIleIleTyrGlyValAlaTrpAspTyrLysTyr
LeuThrLeuLysValLysAlaSerTyrArgLysIleAsnThrHisIleLeuLysVal
ProGluThrAspGluValGluLeuThrCysGlnAlaThrGlyTyrProLeuAlaGlu
ValSerTrpProAsnValSerValProAlaAsnThrSerHisSerArgThrProGlu
GlyLeuTyrGlnValThrSerValLeuArgLeuLysProProProGlyArgAsnPhe
SerCysValPheTrpAsnThrHisValArgGluLeuThrLeuAlaSerIleAspLeu
GlnSerGlnMetGluProArgThrHisProThrTrpLeuLeuHisIlePheIlePro
SerCysIleIleAlaPheIlePheIleAlaThrValIleAlaLeuArgLysGlnLeu
CysGlnLysLeuTyrSerSerLysAspThrThrLysArgProValThrThrThrLys
ArgGluValAsnSerAlaIle

(SEQ ID NO:5)

Figure 4

MetLeuLeuLeuLeuProIleLeuAsnLeuSerLeuGlnLeuHisProValAlaAla
LeuPheThrValThrAlaProLysGluValTyrThrValAspValGlySerSerVal
SerLeuGluCysAspPheAspArgArgGluCysThrGluLeuGluGlyIleArgAla
SerLeuGlnLysValGluAsnAspThrSerLeuGlnSerGluArgAlaThrLeuLeu
GluGluGlnLeuProLeuGlyLysAlaLeuPheHisIleProSerValGlnValArg
AspSerGlyGlnTyrArgCysLeuValIleCysGlyAlaAlaTrpAspTyrLysTyr
LeuThrValLysValLysAlaSerTyrMetArgIleAspThrArgIleLeuGluVal
ProGlyThrGlyGluValGlnLeuThrCysGlnAlaArgGlyTyrProLeuAlaGlu
ValSerTrpGlnAsnValSerValProAlaAsnThrSerHisIleArgThrProGlu
GlyLeuTyrGlnValThrSerValLeuArgLeuLysProGlnProSerArgAsnPhe
SerCysMetPheTrpAsnAlaHisMetLysGluLeuThrSerAlaIleIleAspPro
LeuSerArgMetGluProLysValProArgThrTrpProLeuHisValPheIlePro
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(SEQ ID NO:6)

Figure 5

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gcaatatgac aattgaatgc aaattcccag tagaaaaaca attagacctg
gctgcactaa ttgtctattg ggaaatggag gataagaaca ttattcaatt
tgtgcatgga gaggaagacc tgaaggttca gcatagtagc tacagacaga
gggcccggct gttgaaggac cagctctccc tgggaaatgc tgcacttcag
atcacagatg tgaaattgca ggatgcaggg gtgtaccgct gcatgatcag
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acaacaaaat caaccaaaga attttggttg tggatccagt cacctctgaa
catgaactga catgtcaggc tgagggctac cccaaggccg aagtcactctg
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ccaagagaga ggagaagctt ttcaatgtga ccagcacact gagaatcaac
acaacaacta atgagatttt ctactgcact tttaggagat tagatcctga
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cttggtgtag cactgacatt catcttccgt ttaagaaaag ggagaatgat
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atacacattt ggaggagacg taa
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(SEQ ID NO:7)

Figure 6

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gcaacgtcac gatggagtgc agattccctg tagaacggga gctggacctg
cttgcgtagg tgggtgtactg ggaaaaggaa gatgagcaag tgattcagtt
tgtggcagga gaggaggacc ttaagcctca gcacagcaac ttcaggggga
gagcctcgct gccaaaggac cagcttttga agggaaatgc tgcccttcag
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accgcaaaat caaccagaga atttccgtgg atccagccac ttctgagcat
gaactaatat gtcaggccga gggttatcca gaagctgagg taatctggac
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ggacagaggg gatgcttctc aatgtgacca gcagtctgag ggtcaacgcc
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(SEQ ID NO:8)

Figure 7

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aggcctcggt ccacatacct caagtccaag tgagggacga aggacagtac
caatgcataa tcatctatgg ggtcgcttgg gactacaagt acctgactct
gaaagtcaaa gcttcctaca ggaaaataaa cactcacatc cttaaagggtt
cagaaacaga tgaggtagag ctcacctgcc aggctacagg ttatcctctg
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(SEQ ID NO:9)

Figure 8

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gaactggaag ggataagagc cagtttgcag aaggtagaaa atgatacgtc
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gcagaagtgt cctggcaaaa tgtcagtggt cctgccaaca ccagccacat
caggaccccc gaaggcctct accaggtcac cagtgttctg cgcctcaagc
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(SEQ ID NO:10)

Figure 9

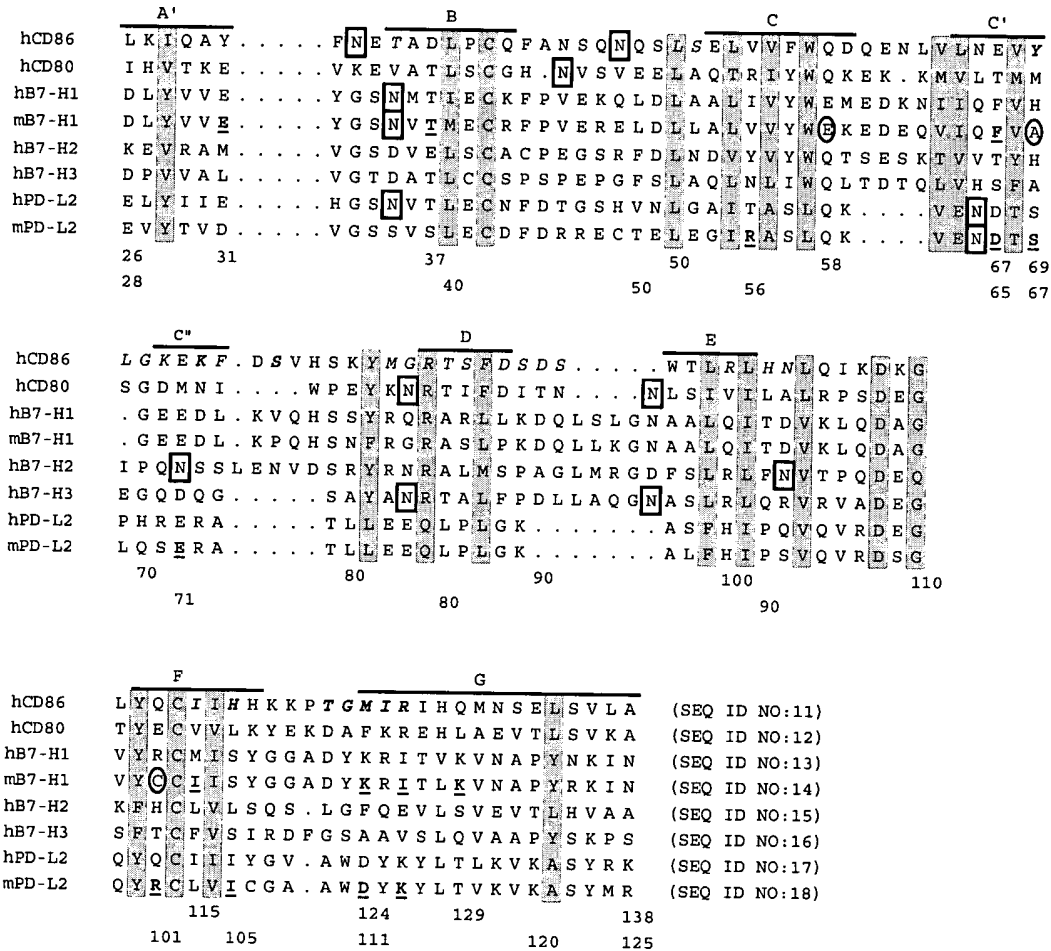


Figure 10A

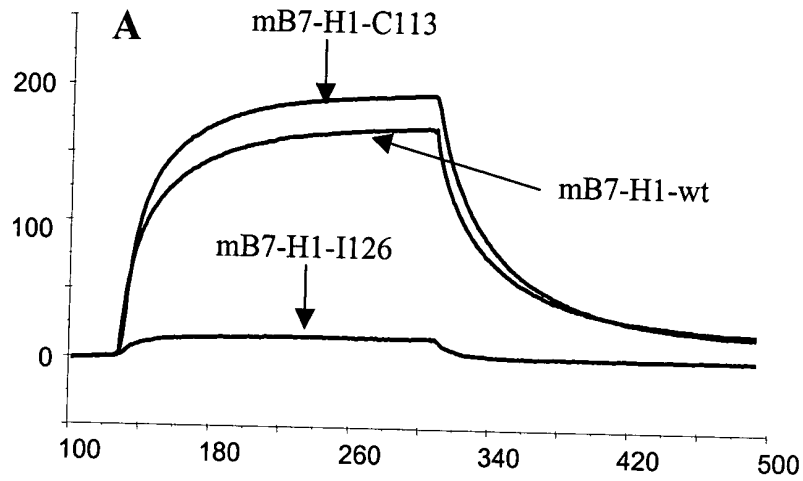


Figure 10B

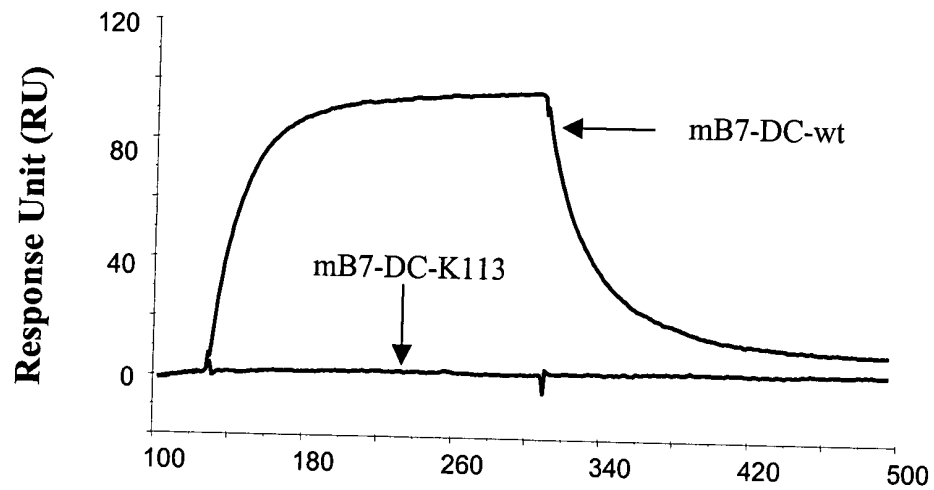


Figure 11A

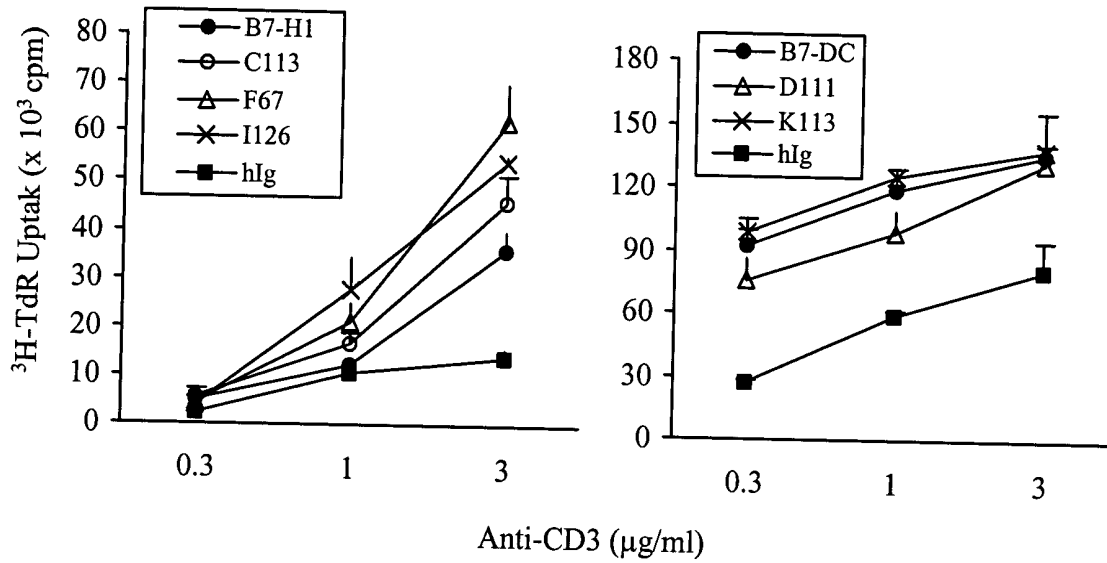


Figure 11B

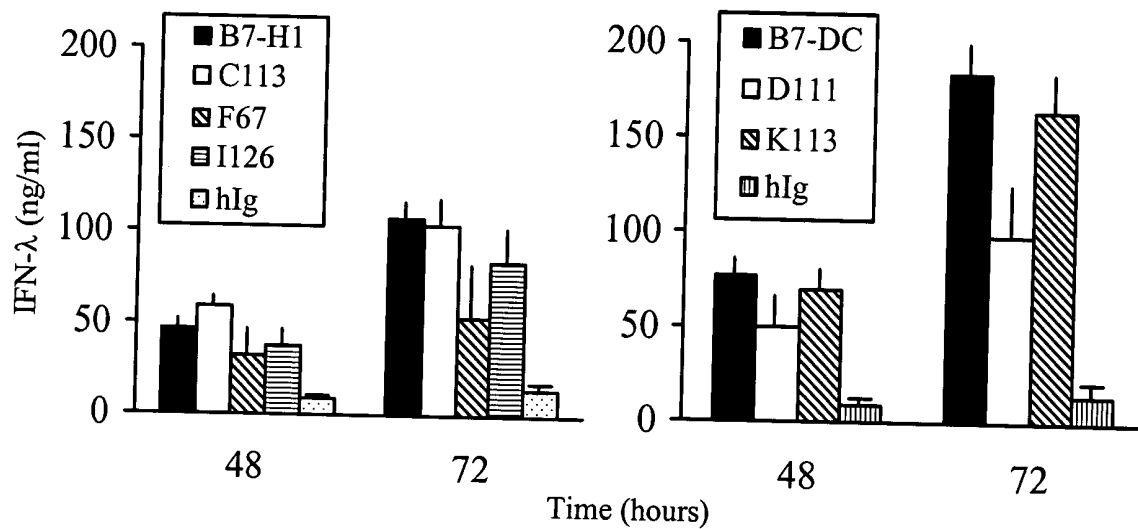


Figure 12

